Fall 2008 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including Boat Survey Erosion

Sacramento River Basin

| RD1001 | Overall LMA Rating | Total LMA Miles | | | | |
|-------------------------------|------------------------|---------------------|--------------|-------------|----------|--------|
| Reclamation District No. 1001 | M | 44.00 | | | | |
| | | 44.00 | | | Encroad | hments |
| Rated Item | M Miles | U Miles | M + 4U Miles | Threshold % | PO Miles | |
| Vegetation | 5.45 | | 5.45 | 12.39% | | |
| Trim / Thin Trees | 0.11 | | 0.11 | 0.25% | | |
| Encroachments | 0.57 | | 0.57 | 1.30% | 0.16 | 0.05 |
| Animal Control | 0.02 | | 0.02 | 0.05% | | |
| Slope Stability | 0.03 | | 0.03 | 0.07% | | |
| Sluice / Slide Gates | 0.01 | | 0.01 | 0.02% | | |
| Boat Survey Erosion | 0.03 | 0.04 | 0.19 | 0.43% | | |
| LMA Totals: | 6.22 | 0.04 | 6.38 | 14.50% | 0.16 | 0.05 |
| Unit No. 01 Yankee Slough | Overall Unit Rating | Total Unit Miles | | | | |
| | A | 4.20 | | | | .h |
| Rated Item | M Miles | U Miles | M + 4U Miles | Threshold % | PO Miles | |
| Encroachments | 0.12 | O WIIICO | 0.12 | 2.86% | 0.06 | 0.01 |
| Slope Stability | 0.01 | | 0.01 | 0.24% | 0.00 | 0.0.1 |
| Unit Totals: | 0.13 | 0.00 | 0.13 | 3.10% | 0.06 | 0.01 |
| | | | 51.15 | | | |
| Unit No. 02 Yankee Slough | Overall Unit Rating | Total Unit Miles | | | | |
| | U | 3.70 | | I | Encroad | hmente |
| Rated Item | M Miles | U Miles | M + 4U Miles | Threshold % | PO Miles | |
| Vegetation | 1.72 | | 1.72 | 46.49% | | |
| Encroachments | 0.14 | | 0.14 | 3.78% | 0.02 | 0.02 |
| Unit Totals: | 1.86 | 0.00 | 1.86 | 50.27% | 0.02 | 0.02 |
| Unit No. 03 Bear River | Overall Unit Rating | Total Unit Miles | | | | |
| | M | 12.60 | | | | |
| Rated Item | M Miles | U Miles | M + 4U Miles | Threshold % | PO Miles | |
| Vegetation | 1.12 | | 1.12 | 8.89% | 0.00 | |
| Encroachments | 0.30 | | 0.30 | 2.38% | 0.02 | |
| Animal Control | 0.02 | | 0.02 | 0.16% | | |
| Slope Stability | 0.02 | 0.04 | 0.02 | 0.16% | | |
| Boat Survey Erosion | 1.40 | 0.04 | 0.16 | 1.27% | 0.00 | 0.00 |
| Unit Totals: | 1.46 | 0.04 | 1.62 | 12.86% | 0.02 | 0.00 |
| Unit No. 04 Feather River | Overall Unit Rating | Total Unit Miles | | | | |
| | M | 13.30 | | | | |
| Rated Item | M Miles | U Miles | M + 4U Miles | Threshold % | PO Miles | |
| Vegetation | 1.95 | | 1.95 | 14.66% | | |
| Trim / Thin Trees | 0.11 | | 0.11 | 0.83% | | |
| Encroachments | 0.01 | | 0.01 | 0.08% | 0.03 | 0.01 |
| Boat Survey Erosion | 0.03 | | 0.03 | 0.23% | | |
| Unit Totals: | 2.10 | 0.00 | 2.10 | 15.79% | 0.03 | 0.01 |
| | | | | | | - |

Monday, March 02, 2009 17:01 Page 1 of 2

Fall 2008 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including Boat Survey Erosion

Sacramento River Basin (cont.)

| Unit No. 05 Natomas Cross Canal | Overall Unit Rating | Total Unit Miles | | | | |
|---------------------------------|------------------------|---------------------|--------------|-------------|----------|----------|
| | A | 5.40 | | | | |
| | | | | | Encroad | chments |
| Rated Item | M Miles | U Miles | M + 4U Miles | Threshold % | PO Miles | CO Miles |
| Encroachments | | | | | | 0.01 |
| Unit Totals: | 0.00 | 0.00 | 0.00 | 0.00% | 0.00 | 0.01 |
| Unit No. 06 East Side Canal | Overall Unit Rating | Total Unit Miles | | | | |
| | M | 4.80 | | | | |
| | | | | | Encroad | chments |
| Rated Item | M Miles | U Miles | M + 4U Miles | Threshold % | PO Miles | CO Miles |
| Vegetation | 0.66 | | 0.66 | 13.75% | | |
| Encroachments | | | | | 0.03 | |
| Sluice / Slide Gates | 0.01 | | 0.01 | 0.21% | | |
| Unit Totals: | 0.67 | 0.00 | 0.67 | 13.96% | 0.03 | 0.00 |

Monday, March 02, 2009 17:01 Page 2 of 2

LMA District Cover Sheet

Fall 2008 Levee Inspection Results

Reclamation District No. 1001

| | Spring (March - May) | Summer ** (June - August) | Fall (September - November) | Winter ** (December - February) | | | | | |
|---|-------------------------|------------------------------|-----------------------------|---------------------------------|--|--|--|--|--|
| * Overall LMA Rating (Fall Only) | | | M | | | | | | |
| | ** Non-receipt of Su | mmer or Winter Inspe | ection Reports may effec | ct overall annual rating. | | | | | |
| * SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall. FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. | | | | | | | | | |
| Comments | | | | | | | | | |
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Unit Cover Sheet

Fall 2008 Levee Inspection Results

Reclamation District No. 1001

| | Bank | Unit Miles | | | | | | |
|--|---|---------------------------|--|-------------|--------------------------|--|--|--|
| | Unit No. 01 Yank | ee Slough | | Right | 4.20 | | | |
| | Spring (March - May) | Summer (June - August) | Fall (September - November) | | /inter er - February) | | | |
| Date of Inspection | 3/20/2008 | | 9/24/2008 | | | | | |
| DWR Inspector | Clay Thomas | | Clay Thomas | | | | | |
| Accompanied By | | | | | | | | |
| Unit Maintenance Rating (Fall Only) | | | Α | | | | | |
| Check one: | | | | | | | | |
| Check one: During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report. During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions. (In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition). | | | | | | | | |
| Comments | | | | | | | | |
| One of the boxes above is to be chinformation must also be submitted DWR with any additional sheets by your records. Please mail all of this | d. This Unit Cover Sheet September 30 (Summe information to : DW 331 | should be signed and da | ated by the LMA Represe 1 (Winter Inspection). Ple ction Reports om LL-30 | entative an | d returned to | | | |
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Signature of LMA Representative

Date

Levee Inspection Report By Mile - Fall 2008

Reclamation District No. 1001

| Waterway | Bank | Unit Miles | Inspection Date | Inspector |
|---------------------------|-------|------------|-----------------|----------------|
| Unit No. 01 Yankee Slough | Right | 4.20 | 09/24/2008 | Clay Thomas |

| LMR Line | Levee | Mile End | Category | Item | Location * | Rating | Action/Comment | GPS Latitude/Longitude | Issue |
|----------|-------|-------------|------------------|-----------------|---------------|--------|---------------------------|--|-------|
| 1 | 0.60 | 0.60 | Earthen Levee | Encroachments | LS | М | Prunings | 38.975105 ° 38.975105 ° -121.478247 ° -121.478247 ° | 18 |
| 2 | 0.93 | 0.93 | Earthen Levee | Encroachments | LS | М | Prunings | 38.974670 ° 38.974670 ° -121.484230 ° -121.484230 ° | 16 |
| 3 | 0.96 | 0.96 | Earthen Levee | Encroachments | LS | СО | Landscaping | 38.974569 ° 38.974569 ° -121.484815 ° -121.484815 ° | 15 |
| 4 | 1.31 | 1.31 | Earthen Levee | Encroachments | LS | М | Prunings | 38.972670 ° 38.972670 ° -121.490550 ° -121.490550 ° | 14 |
| 5 | 1.54 | 1.54 | Earthen Levee | Encroachments | LS | М | Debris | 38.970683 ° 38.970683 ° -121.493833 ° | 13 |
| 6 | 1.61 | 1.61 | Earthen Levee | Encroachments | LS | М | Debris | 38.970510 ° 38.970510 ° -121.495195 ° -121.495195 ° | 12 |
| 7 | 1.83 | 1.83 | Earthen Levee | Slope Stability | LS | М | Repair slope instability. | 38.971082 ° 38.971082 ° -121.499118 ° -121.499118 ° | 11 |
| 8 | 2.03 | 2.03 | Earthen Levee | Encroachments | LS | М | Prunings | 38.971150 ° 38.971150 ° -121.502780 ° -121.502780 ° | 10 |
| 9 | 3.01 | 3.01 | Earthen Levee | Encroachments | LS | М | Prunings | 38.966612 ° 38.966612 ° -121.518898 ° -121.518898 ° | 6 |
| 10 | 3.16 | 3.22 | Earthen Levee | Encroachments | LS | РО | Landscaping | 38.965663 ° 38.965705 ° -121.521023 ° -121.522098 ° | 5 |
| 11 | 3.20 | 3.24 | Earthen Levee | Encroachments | LS | М | Debris | 38.965688 ° 38.965720 ° -121.521800 ° -121.522550 ° | 4 |
| 12 | 3.35 | 3.35 | Earthen Levee | Encroachments | LS | М | Debris | 38.965585 ° 38.965585 ° -121.524458 ° -121.524458 ° | 3 |

* Location

LS : Land Side

WS : Water Side

CR : Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

Unit Cover Sheet

Fall 2008 Levee Inspection Results

Reclamation District No. 1001

| | Bank | Unit Miles | | | | | |
|--|---|---------------------------|---|-------------|--------------------------|--|--|
| | Unit No. 02 Yank | ee Slough | Left | 3.70 | | | |
| | | | | | | | |
| | Spring (March - May) | Summer (June - August) | Fall (September - November) | | /inter er - February) | | |
| Date of Inspection | 3/20/2008 | | 9/24/2008 | | | | |
| DWR Inspector | Clay Thomas | | Clay Thomas | | | | |
| Accompanied By | | | | | | | |
| Unit Maintenance Rating (Fall Only) | | | U | | | | |
| Check one: | | | | | | | |
| During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report. During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions. (In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition). | | | | | | | |
| Comments | | | | | | | |
| One of the boxes above is to be chinformation must also be submitted DWR with any additional sheets by your records. Please mail all of this | d. This Unit Cover Sheet y September 30 (Summe s information to : DW 331 | should be signed and da | ated by the LMA Represe 1 (Winter Inspection). Ple ction Reports oom LL-30 | entative an | d returned to | | |
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Levee Inspection Report By Mile - Fall 2008

Reclamation District No. 1001

| Waterway | Bank | Unit Miles | Inspection Date | Inspector |
|---------------------------|------|------------|-----------------|----------------|
| Unit No. 02 Yankee Slough | Left | 3.70 | 09/24/2008 | Clay Thomas |

| LMR Line | Levee | Mile | Category | Item | Location | Rating | Action/Comment | GPS Latitude/Longitude | Photo | Issue |
|----------|-------|------|------------------|---------------|----------|--------|---|--|-------|-------|
| 1 | 0.04 | 0.90 | Earthen Levee | Vegetation | LS | M | Control annual grass and weeds on the levee slopes and easements. | 38.971242 ° 38.973375 -121.474029 ° -121.487429 | | 13 |
| 2 | 0.04 | 0.90 | Earthen Levee | Vegetation | WS | М | Control annual grass and weeds on the levee slopes and easements. | 38.971244 ° 38.973378 -121.474031 ° -121.487427 | | 14 |
| 3 | 0.08 | 0.08 | Earthen Levee | Encroachments | LS | М | Prunings | 38.971837 ° 38.971837 -121.474000 ° -121.474000 | | 3 |
| 4 | 0.24 | 0.33 | Earthen Levee | Encroachments | LS | M | Prunings | 38.973947 ° 38.974555 -121.475518 ° -121.477083 | | 4 |
| 5 | 0.52 | 0.52 | Earthen Levee | Encroachments | LS | M | Debris | 38.974325 ° 38.974325 -121.480495 ° -121.480495 | | 5 |
| 6 | 0.58 | 0.58 | Earthen Levee | Encroachments | LS | М | Prunings | 38.974323 ° 38.974323 -121.481754 ° -121.481754 | | 15 |
| 7 | 0.81 | 0.81 | Earthen Levee | Encroachments | LS | М | Debris | 38.973605 ° 38.973605 -121.485728 ° -121.485728 | | 7 |
| 8 | 1.24 | 1.24 | Earthen Levee | Encroachments | LS | М | Prunings | 38.970720 ° 38.970720 -121.492475 ° -121.492475 | | 8 |
| 9 | 1.77 | 1.77 | Earthen Levee | Encroachments | LS | СО | Landscaping | 38.970353 ° 38.970353 -121.501935 ° -121.501935 | | 10 |
| 10 | 1.78 | 1.78 | Earthen Levee | Encroachments | LS | СО | Buildings | 38.970347 ° 38.970347 -121.502027 ° -121.502027 | | 11 |
| 11 | 1.79 | 1.81 | Earthen Levee | Encroachments | LS | РО | Landscaping | 38.970347 ° 38.970327 -121.502177 ° -121.502618 | | 12 |

* Location

LS: Land Side

WS: Water Side

CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

Unit Cover Sheet

Fall 2008 Levee Inspection Results

Reclamation District No. 1001

| | vvaterwa | ıy | | Bank | Unit Miles |
|--|---|--|---|--|---------------------------------------|
| | Unit No. 03 Bea | ar River | | Left | 12.60 |
| | Spring (March - May) | Summer (June - August) | Fall (September - November) | | Vinter per - February) |
| Date of Inspection | 3/20/2008 | | 9/24/2008 | | |
| DWR Inspector | Clay Thomas | | Clay Thomas | | |
| Accompanied By | | | | | |
| Unit Maintenance Rating (Fall Only) | | | M | | |
| Check one: | | | | | |
| During the current winter (or s project components identified conditions other than the resu deficiencies identified in the e | I in the attached Levee Ir ults of our normal mainted enclosed report. Summer) inspection perion in the attached Levee In ons we have made to ma eject conditions. Wor on additional sheet(s | nspection Report by Mile nance and the correction od, my staff or I have inspection Report by Mile aintenance deficiencies in | . We have found no chan as we have made to main beected the levee and assorting addition to the results dentified in the report, we addition by: Start to End Lea | ges in flootenance ociated floof our not have four | od project ood rmal nd the or GPS |
| Comments | | | | | |
| One of the boxes above is to be chinformation must also be submitted DWR with any additional sheets by your records. Please mail all of this | d. This Unit Cover Sheet y September 30 (Summe s information to : DW 3310 | should be signed and da | ated by the LMA Represe 1 (Winter Inspection). Ple ction Reports oom LL-30 | ntative an | d returned to |
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X

Signature of LMA Representative

Date

Levee Inspection Report By Mile - Fall 2008

Reclamation District No. 1001

| Waterway | Bank | Unit Miles | Inspection Date | Inspector |
|------------------------|------|------------|-----------------|----------------|
| Unit No. 03 Bear River | Left | 12.60 | 09/24/2008 | Clay Thomas |

| 5 | Levee | Mile | | | | П | | GPS Latitude/Longitude | |
|----------|-------|------|------------------|-----------------|-------------|--------|--|---|-------|
| LMR Line | Start | End | Category | Item | cation * | Rating | Action/Comment | Start End | Issue |
| 1 | 0.65 | 0.65 | Earthen Levee | Slope Stability | LS | М | Repair the levee slope damaged by vehicle traffic and prevent access where possible. | 39.006343 ° 39.006343 ° -121.386813 ° -121.386813 ° | 3 |
| 2 | 1.47 | 1.47 | Earthen Levee | Slope Stability | CR | М | Repair slope instability. | 39.002848 ° 39.002848 ° -121.400285 ° -121.400285 ° | 4 |
| 3 | 3.94 | 3.94 | Earthen Levee | Animal Control | LS | M | Exterminate rodents and backfill and compact or grout burrows. | 38.991174 ° 38.991174 ° -121.441600 ° -121.441600 ° | 28 |
| 4 | 4.11 | 4.11 | Earthen Levee | Encroachments | LS | M | Prunings | 38.991475 ° 38.991475 ° -121.444728 ° -121.444728 ° | 5 |
| 5 | 4.51 | 4.54 | Earthen Levee | Encroachments | LS | М | Debris | 38.991918 ° 38.991865 ° -121.452003 ° -121.452612 ° | 6 |
| 6 | 4.63 | 4.69 | Earthen Levee | Vegetation | LS | М | Elderberries are blocking visibility and flood fight capability. | 38.991638 ° 38.991511 ° -121.454323 ° -121.455359 ° | 30 |
| 7 | 4.76 | 4.76 | Earthen Levee | Encroachments | LS | М | Debris | 38.991295 ° 38.991295 ° -121.456553 ° -121.456553 ° | 7 |
| 8 | 4.99 | 4.99 | Earthen Levee | Encroachments | LS | М | Prunings | 38.989998 ° 38.989998 ° -121.460608 ° -121.460608 ° | 32 |
| 9 | 5.45 | 5.45 | Earthen Levee | Encroachments | LS | М | Firewood | 38.986713 ° 38.986713 ° -121.468257 ° -121.468257 ° | 8 |
| 10 | 5.68 | 5.68 | Earthen Levee | Encroachments | LS | М | Prunings | 38.986638 ° 38.986638 ° -121.472476 ° -121.472476 ° | 33 |
| 11 | 6.15 | 6.23 | Earthen Levee | Encroachments | LS | М | Firewood | 38.984788 ° 38.984632 ° -121.480868 ° -121.482345 ° | 9 |
| 12 | 6.38 | 6.38 | Earthen Levee | Animal Control | LS | М | Exterminate rodents and backfill and compact or grout burrows. | 38.984295 ° 38.984295 ° -121.485037 ° -121.485037 ° | 34 |
| 13 | 6.62 | 6.62 | Earthen Levee | Encroachments | LS | М | Firewood | 38.983927 ° 38.983927 ° -121.489528 ° -121.489528 ° | 11 |
| 14 | 6.73 | 6.73 | Earthen Levee | Encroachments | LS | М | Prunings | 38.983545 ° 38.983545 ° -121.491485 ° -121.491485 ° | 12 |
| 15 | 6.88 | 6.96 | Earthen Levee | Encroachments | LS | М | Prunings | 38.983423 ° 38.983277 ° -121.494277 ° -121.495640 ° | 13 |
| 16 | 7.38 | 7.38 | Earthen Levee | Vegetation | LS | М | Remove the wild growth other than native grasses from the levee slopes. | 38.982512 ° 38.982512 ° -121.503423 ° -121.503423 ° | 15 |
| 17 | 7.54 | 7.54 | Earthen Levee | Encroachments | LS | М | Debris | 38.982095 ° 38.982095 ° -121.506367 ° -121.506367 ° | 16 |
| 18 | 7.71 | 7.71 | Earthen Levee | Encroachments | LS | М | Prunings | 38.980960 ° 38.980960 ° -121.509018 ° -121.509018 ° | 17 |
| 19 | 8.21 | 8.21 | Earthen Levee | Encroachments | LS | М | Prunings | 38.975700 ° 38.975700 ° -121.515462 ° -121.515462 ° | 18 |
| | | | | | | | | | |

* Location

LS: Land Side

WS: Water Side

CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

Levee Inspection Report By Mile - Fall 2008

Reclamation District No. 1001

| Waterway | Bank | Unit Miles | Inspection Date | Inspector |
|------------------------|------|------------|-----------------|----------------|
| Unit No. 03 Bear River | Left | 12.60 | 09/24/2008 | Clay Thomas |

| LMR Line | Levee | e Mile End | Category | Item | Location * | Rating | Action/Comment | GPS Latitude/Longitude Start End | Issue |
|----------|-------|---------------|------------------|------------------------|---------------|--------|---|---|-------|
| | 10.01 | 10.01 | Earthen Levee | Encroachments | CR | PO | Equipment Inspector Comments: levee blocked for new bridge construction | 38.969410 ° 38.969410 ° -121.542127 ° -121.542127 ° | 35 |
| 21 | 10.25 | 10.25 | Earthen Levee | Encroachments | CR | PO | Equipment Inspector Comments: levee blocked for new bridge construction | 38.966620 ° 38.966620 ° -121.543724 ° -121.543724 ° | 36 |
| 22 | 10.52 | 10.65 | Earthen Levee | Vegetation | LS | М | Remove the wild growth other than native grasses from the levee slopes. | 38.963130 ° 38.961328 ° -121.545647 ° -121.546653 ° | 20 |
| 23 | 11.29 | 11.32 | Earthen Levee | Vegetation | LS | М | Remove the wild growth other than native grasses from the levee slopes. | 38.953367 ° 38.953025 ° -121.551428 ° -121.551808 ° | 22 |
| 24 | 12.03 | 12.59 | Earthen Levee | Vegetation | LS | М | Control annual grass and weeds on the levee slopes and easements. | 38.948842 ° 38.941793 ° -121.562456 ° -121.567261 ° | 37 |
| 25 | 12.15 | 12.15 | Earthen Levee | Encroachments | LS | М | Prunings | 38.947422 ° 38.947422 ° -121.563420 ° -121.563420 ° | 26 |
| 26 | 12.18 | 12.22 | Boat Survey | Boat Survey Erosion | LS | U | Inspector Comments: seepage, beaver holes, tree hazards, tension cracks, slumping | 38.947043 ° 38.946477 ° -121.563686 ° -121.564094 ° | 901 |
| 27 | 12.24 | 12.24 | Earthen Levee | Vegetation | LS | М | Remove the wild growth other than native grasses from the levee slopes. | 38.946248 ° 38.946248 ° -121.564220 ° -121.564220 ° | 27 |
| 28 | 12.27 | 12.59 | Earthen Levee | Vegetation | WS | М | Control annual grass and weeds on the levee slopes and easements. | 38.945849 ° 38.941794 ° -121.564456 ° -121.567260 ° | 38 |

* Location

LS: Land Side

WS: Water Side

CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

Unit Cover Sheet

Fall 2008 Levee Inspection Results

Reclamation District No. 1001

| | waterwa | y | | Bank | Unit Miles |
|--|---|--|--|--|---------------------------|
| | Unit No. 04 Feat | her River | | Left | 13.30 |
| | | | | | |
| | Spring (March - May) | Summer (June - August) | Fall (September - November) | | Vinter er - February) |
| Date of Inspection | 3/27/2008 | | 9/24/2008 | | |
| DWR Inspector | Clay Thomas | | Clay Thomas | | |
| Accompanied By | | | | | |
| Unit Maintenance Rating (Fall Only) | | | M | | |
| Check one: | | | | | |
| During the current winter (or s project components identified conditions other than the resu deficiencies identified in the e | in the attached Levee Ir ilts of our normal mainternclosed report. ummer) inspection perion in the attached Levee Incons we have made to maject conditions. wor on additional sheet(| nspection Report by Mile nance and the correction d, my staff or I have inspection Report by Mile nance deficiencies in the same series, identify change of correction Report by Mile nance deficiencies in the same series. | We have found no changes we have made to maint bected the levee and assort in addition to the results dentified in the report, we addition by: Start to End Le | ges in floo tenance ociated flo of our nor have four | od project od rmal nd the |
| Comments | | | | | |
| One of the boxes above is to be chinformation must also be submitted DWR with any additional sheets by your records. Please mail all of this | d. This Unit Cover Sheet y September 30 (Summe s information to : DW 331 | should be signed and da | ated by the LMA Represe 1 (Winter Inspection). Ple ction Reports om LL-30 | ntative an | d returned to |
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Levee Inspection Report By Mile - Fall 2008

Reclamation District No. 1001

| Waterway | Bank | Unit Miles | Inspection Date | Inspector |
|---------------------------|------|------------|-----------------|----------------|
| Unit No. 04 Feather River | Left | 13.30 | 09/24/2008 | Clay Thomas |

| LMR Line | Levee | Mile End | Category | Item | Location * | Rating | Action/Comment | GPS Latitude/Longitude Start End | Issue |
|----------|-------|-------------|------------------|----------------------|---------------|--------|---|---|-------|
| 1 | 0.02 | 0.20 | Earthen Levee | Vegetation | WS | М | Control annual grass and weeds on the levee slopes and easements. | 38.941275 ° 38.938707 ° -121.567527 ° -121.567759 ° | 28 |
| 2 | 0.02 | 0.20 | Earthen Levee | Vegetation | LS | М | Control annual grass and weeds on the levee slopes and easements. | 38.941276 ° 38.938706 ° -121.567527 ° -121.567760 ° | 27 |
| 3 | 0.14 | 0.44 | Earthen Levee | Vegetation | LS | М | Remove the wild growth other than native grasses from the levee slopes. | 38.939520 ° 38.935363 ° -121.567830 ° -121.567005 ° | 3 |
| 4 | 0.57 | 0.65 | Earthen Levee | Vegetation | LS | М | Remove the wild growth other than native grasses from the levee slopes. | 38.933415 ° 38.932337 ° -121.567152 ° -121.567095 ° | 4 |
| 5 | 0.65 | 0.76 | Earthen Levee | Trim / Thin Trees | LS | М | Trim trees to at least five feet above ground level. | 38.932337 ° 38.930785 ° -121.567095 ° -121.567350 ° | 5 |
| 6 | 0.81 | 0.96 | Earthen Levee | Vegetation | WS | М | Control annual grass and weeds on the levee slopes and easements. | 38.930202 ° 38.928012 ° -121.567765 ° -121.568121 ° | 30 |
| 7 | 0.81 | 0.96 | Earthen Levee | Vegetation | LS | М | Control annual grass and weeds on the levee slopes and easements. | 38.930203 ° 38.928011 ° -121.567764 ° -121.568121 ° | 29 |
| 8 | 1.25 | 1.37 | Earthen Levee | Vegetation | LS | М | Remove the wild growth other than native grasses from the levee slopes. | 38.923933 ° 38.922135 ° -121.568608 ° -121.568857 ° | 7 |
| 9 | 1.49 | 1.72 | Earthen Levee | Vegetation | LS | М | Remove the wild growth other than native grasses from the levee slopes. | 38.920422 ° 38.917197 ° -121.569138 ° -121.569750 ° | 8 |
| 10 | 2.14 | 2.14 | Earthen Levee | Vegetation | LS | М | Remove the wild growth other than native grasses from the levee slopes. | 38.912007 ° 38.912007 ° -121.573242 ° -121.573242 ° | 10 |
| 11 | 2.26 | 2.26 | Earthen Levee | Vegetation | LS | М | Remove the wild growth other than native grasses from the levee slopes. | 38.910580 ° 38.910580 ° -121.574238 ° -121.574238 ° | 11 |
| 12 | 2.85 | 2.85 | Earthen Levee | Vegetation | LS | М | Remove the wild growth other than native grasses from the levee slopes. | 38.903948 ° 38.903948 ° -121.580242 ° -121.580242 ° | 12 |
| 13 | 3.22 | 3.22 | Earthen Levee | Encroachments | LS | РО | Landscaping | 38.899732 ° 38.899732 ° -121.584110 ° -121.584110 ° | 31 |
| 14 | 6.48 | 6.48 | Earthen Levee | Encroachments | LS | РО | Landscaping | 38.865653 ° 38.865653 ° -121.619742 ° -121.619742 ° | 17 |
| 15 | 6.64 | 6.64 | Earthen Levee | Vegetation | LS | М | Remove the wild growth other than native grasses from the levee slopes. | 38.863700 ° 38.863700 ° -121.621198 ° -121.621198 ° | 18 |
| 16 | 6.66 | 6.66 | Earthen Levee | Encroachments | LS | М | Prunings | 38.863385 ° 38.863385 ° -121.621342 ° -121.621342 ° | 19 |
| 17 | 8.72 | 8.72 | Earthen Levee | Vegetation | LS | М | Remove the wild growth other than native grasses from the levee slopes. | 38.835698 ° 38.835698 ° -121.634070 ° -121.634070 ° | 20 |
| 18 | 9.74 | 9.74 | Earthen Levee | Encroachments | WS | РО | Landscaping | 38.833088 ° 38.833088 ° -121.635103 ° -121.635103 ° | 21 |
| 19 | 11.15 | 11.15 | Earthen Levee | Vegetation | LS | М | Elderberries are blocking visibility and flood fight capability. | 38.802508 ° 38.802508 ° -121.632862 ° -121.632862 ° | 22 |

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

Levee Inspection Report By Mile - Fall 2008

Reclamation District No. 1001

| Waterway | Bank | Unit Miles | Inspection Date | Inspector |
|---------------------------|------|------------|-----------------|----------------|
| Unit No. 04 Feather River | Left | 13.30 | 09/24/2008 | Clay Thomas |

| LMR | Leve | Mile | 0-1 | 14 | Location | Rating | Antique (Oncompany) | GPS Latitud | le/Longitude | lss Ph |
|------|-------|-------|------------------|------------------------|----------|----------|--|------------------------------|------------------------------|-----------|
| Line | Start | End | Category | Item | ation | ing * | Action/Comment | Start | End | ue Sto |
| 20 | 11.32 | 11.32 | Earthen Levee | Vegetation | LS | M | Elderberries are blocking visibility and flood fight capability. | 38.800112 ° -121.632242 ° | 38.800112 ° -121.632242 ° | 23 |
| 21 | 11.81 | 11.84 | Boat Survey | Boat Survey Erosion | LS | М | Inspector Comments: tree hazards, slumping, seepage | 38.793742 ° -121.628514 ° | 38.793394 ° -121.628156 ° | 916 |
| 22 | 12.40 | 12.40 | Earthen Levee | Vegetation | LS | М | Elderberries are blocking visibility and flood fight capability. | 38.787355 ° -121.621165 ° | 38.787355 ° -121.621165 ° | 24 |
| 23 | 12.57 | 12.57 | Earthen Levee | Encroachments | LS | СО | Buildings | 38.786073 ° -121.618522 ° | 38.786073 ° -121.618522 ° | 25 |
| 24 | 12.74 | 13.22 | Earthen Levee | Vegetation | LS | М | Elderberries are blocking visibility and flood fight capability. | 38.784513 ° -121.616045 ° | 38.781862 ° -121.607855 ° | 26 |

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

Unit Cover Sheet

Fall 2008 Levee Inspection Results

Reclamation District No. 1001

| | Waterwa | ıy | | Bank | Unit Miles |
|--|---|--|--|--|---------------------------|
| | Unit No. 05 Natomas | Cross Canal | | Right | 5.40 |
| | Spring (March - May) | Summer (June - August) | Fall (September - November) | | Vinter er - February) |
| Date of Inspection | 4/1/2008 | | 9/24/2008 | <u> </u> | |
| DWR Inspector | Clay Thomas | | Clay Thomas | | |
| Accompanied By | | | | | |
| Unit Maintenance Rating (Fall Only) | | | A | | |
| Check one: | | | | | |
| During the current winter (or sproject components identified conditions other than the resudeficiencies identified in the example. During the current winter (or sproject components identified maintenance and the correctifollowing changes in flood procoordinates, location (Land S | I in the attached Levee Ir ults of our normal mainte enclosed report. summer) inspection perior in the attached Levee Ir ons we have made to maject conditions. w or on additional sheet(| nance and the correction od, my staff or I have inspection Report by Mile aintenance deficiencies in the correction of t | We have found no channs we have made to main bected the levee and assorting addition to the results dentified in the report, we addition by: Start to End Le | ges in flootenance ociated floof our not have four | od project od rmal nd the |
| Comments | | | | | |
| One of the boxes above is to be chinformation must also be submitted DWR with any additional sheets by your records. Please mail all of this | d. This Unit Cover Sheet y September 30 (Summe s information to : DW 331 | should be signed and da | ated by the LMA Represe 1 (Winter Inspection). Ple ction Reports oom LL-30 | ntative an | d returned to |
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X

Signature of LMA Representative

Date

Levee Inspection Report By Mile - Fall 2008

Reclamation District No. 1001

| Waterway | Bank | Unit Miles | Inspection Date | Inspector |
|---------------------------------|-------|------------|-----------------|----------------|
| Unit No. 05 Natomas Cross Canal | Right | 5.40 | 09/24/2008 | Clay Thomas |

| LMR | Levee | Mile | Catagony | Itom | Rati | Action/Comment | GPS Latitud | e/Longitude | | Issu |
|------|-------|------|----------|---------------|---------|----------------|-------------|-------------|------|------|
| Line | Start | End | Category | Item | ation * | Action/Comment | Start | End | hoto | ue |
| 1 | 0.83 | 0.83 | Farthen | Encroachments | WS CO | Buildings | 38.790830° | 38.790830 ° | | 3 |

Levee

Encroachments WS CO Buildings

-121.596973 ° -121.596973 °

* Location

LS: Land Side

WS: Water Side

CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

Unit Cover Sheet

Fall 2008 Levee Inspection Results

Reclamation District No. 1001

| | Waterwa | ıy | | Bank | Unit Miles |
|--|--|--|---|---|---------------------------|
| | Unit No. 06 East S | Side Canal | | Right | 4.80 |
| | Spring (March - May) | Summer (June - August) | Fall (September - November) | | Vinter er - February) |
| Date of Inspection | | (cano riagaci) | 9/24/2008 | (2000 | |
| DWR Inspector | Clay Thomas | | Clay Thomas | | |
| Accompanied By | | | | | |
| Unit Maintenance Rating (Fall Only) | | | M | | |
| Check one: | | | | | |
| During the current winter (or sproject components identified conditions other than the rest deficiencies identified in the example. During the current winter (or sproject components identified maintenance and the correctifollowing changes in flood proceed (In the comment section below coordinates, location (Land S | I in the attached Levee Ir ults of our normal mainte enclosed report. summer) inspection peric in the attached Levee Ir ons we have made to maject conditions. w or on additional sheet(| nance and the correction od, my staff or I have inspection Report by Mile aintenance deficiencies in the correction of t | . We have found no chans we have made to main pected the levee and associated in the results dentified in the report, we addition by: Start to End Le | ges in flootenance ociated floof our note have four | od project od rmal nd the |
| Comments | | | | | |
| One of the boxes above is to be chinformation must also be submitted DWR with any additional sheets by your records. Please mail all of this | d. This Unit Cover Sheet y September 30 (Summe s information to : DW 331 | should be signed and da | ated by the LMA Represe 1 (Winter Inspection). Ple ction Reports oom LL-30 | ntative an | d returned to |
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Levee Inspection Report By Mile - Fall 2008

Reclamation District No. 1001

| Waterway | Bank | Unit Miles | Inspection Date | Inspector |
|-----------------------------|-------|------------|-----------------|----------------|
| Unit No. 06 East Side Canal | Right | 4.80 | 09/24/2008 | Clay Thomas |

| LMR | Levee | Mile | Category | | Loc | Rating | A .: | GPS Latitude/Longitude Start End | | |
|------|-------|------|---|-------------------------|---------------|--------|---|----------------------------------|------------------------------|-----|
| Line | Start | End | | Item | Location * | ting | Action/Comment | Start | End | oto |
| 1 | 1.06 | 1.06 | Earthen Levee | Encroachments | LS | РО | Landscaping | 38.845643 ° -121.524363 ° | | |
| 2 | 1.37 | 1.37 | Earthen Levee | Encroachments | LS | РО | Equipment | 38.850042 ° -121.524359 ° | | |
| 3 | 1.45 | 1.45 | Earthen Levee | Encroachments | LS | РО | Equipment | 38.851272 ° -121.524357 ° | | |
| 4 | 3.29 | 3.29 | Interior Drainage & Piping Systems | Sluice / Slide Gates | WS | M | Inspector Comments: Gate appears to be closed, gate stem is damaged | 38.877680 ° -121.524760 ° | | |
| 5 | 4.41 | 4.74 | Earthen Levee | Vegetation | WS | М | Control annual grass and weeds on the levee slopes and easements. | 38.893872 ° -121.524708 ° | | |
| 6 | 4.41 | 4.74 | Earthen Levee | Vegetation | LS | М | Control annual grass and weeds on the levee slopes and easements. | 38.893873 ° -121.524707 ° | 38.896340 ° -121.520492 ° | |

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable